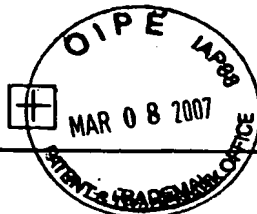


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Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

4

Complete if Known

Application Number	10/755,932
Filing Date	January 13, 2004
First Named Inventor	CHARLES, Steve T.
Group Art Unit	3733
Examiner Name	Pedro Philogene
Attorney Docket Number	225929

U.S. PATENT DOCUMENTS

Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			
/PP/		3923166		Fletcher et al.	December 1975	
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		4401433		Luther	August 1983	
		4527446		Borodin	July 1985	
		4573452		Greenberg	March 1986	
		4653509		Oloff et al.	March 1987	
		4688983		Lindborn	August 1987	
		4849692		Blood	July 1989	
		4945305		Blood	July 1990	
		4995402		Smith	February 1991	
		5053687		Merlet	October 1991	
		5078140		Kwoh	January 1992	
		5081381		Narasaki	January 1992	
		5086401		Glassman et al.	February 1992	
		5142930		Allen et al.	September 1992	
		5161542		Palestrant	November 1992	
		5184601		Putman	February 1993	
		5186174		Schlondorff et al.	February 1993	
		5219351		Teubner et al.	June 1993	
		5234000		Hakky et al.	August 1993	
		5240011		Assa	August 1993	
		5243266		Kasagami et al.	September 1993	
		5251127		Raab	October 1993	
		5269034		Day et al.	December 1993	
		5273039		Fujiwara et al.	December 1993	
		5279309		Taylor et al.	January 1994	
		5280427		Magnusson et al.	January 1994	
		5299288		Glassman et al.	March 1994	
		5305203		Raab	April 1994	
		5307072		Jones, Jr.	April 1994	
		5339799		Kami	August 1994	
		5343385		Joskowicz et al.	August 1994	
		5354158		Sheldon et al.	October 1994	
		5383454		Bucholz	January 1995	
		5386741		Rennex	February 1995	
		5389101		Heilbrun et al.	February 1995	
		5397323		Taylor et al.	March 1995	

Examiner Signature

/Pedro Philogene/

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05/17/2007

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Sheet	2	of	4		

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		Application or Patent Number	Kind Code			
↓		5402801		Taylor	April 1995	
		5408409		Glassman et al.	April 1995	
		5817084		Jensen	October 1998	
		5409497		Siczek et al.	April 1995	
		5415182		Chin et al.	May 1995	
		5417210		Funda et al.	May 1995	
		5425616		Arai et al.	June 1995	
		5445166		Taylor	August 1995	
		5453686		Anderson	September 1995	
		5464013		Lemelson	November 1995	
		5494034		Schlondorff et al.	February 1996	
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		5564663		Cook et al.	October 1996	
		5568593		Demarest et al.	October 1996	
		5571072		Kronner	November 1996	
		5572999		Funda et al.	November 1996	
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		5600330		Blood	February 1997	
		5628327		Unger et al.	May 1997	
		5630431		Taylor	May 1997	
		5640170		Anderson	June 1997	
		5643286		Warner et al.	July 1997	
		5647373		Paltieli	July 1997	
		5676673		Ferre et al.	October 1997	
		5695500		Taylor et al.	December 1997	
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		5748767		Raab	May 1998	
		5749362		Funda et al.	May 1998	
		5767669		Hansen et al.	June 1998	
		5769086		Ritchart et al.	June 1998	
		5776153		Rees	July 1998	
	5782764		Werne	July 1998		
	5784542		Ohm et al.	July 1998		
	5795291		Koros	August 1998		
	5797900		Madhani et al.	August 1998		

Examiner Signature	/Pedro Philogene/	Date Considered	05/17/2007
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			Attorney Docket Number	225929	
Sheet	3	of	4	Client Reference No.	225929

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		Application or Patent Number	Kind Code			
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		5803089		Ferre et al.	September 1998	
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		5820623		Ng	October 1998	
		5825536		Yasunaga et al.	October 1998	
		5828197		Martin et al.	October 1998	
		5829444		Ferre et al.	November 1998	
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		5851183		Bucholz	December 1998	
		5865744		Lemelson	February 1999	
		5873822		Ferre et al.	February 1999	
		5887121		Funda et al.	March 1999	
		5943914		Morimoto et al.	August 1999	
		5950629		Taylor et al.	September 1999	
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		5967980		Ferre et al.	October 1999	
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		6132368		Cooper	October 2000	
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		6233504	B1	Das et al.	May 2001	
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		Application or Patent Number	Kind Code					
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		6385509	B2	Das et al.	May 2002			
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		6665554		Charles	December 2003			
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		2001/0027313		Shimmura et al.	October 2001			
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Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No**
↓		EP	0009447	A1	Lande et al.	April 1980		
		EP	0649217	A1	Smith & Nephew Dyonics Inc.	April 1995		
		EP	0654244	A1	Paltliell	May 1995		
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		WO	9910137	A1	MicroDexterity Systems, Inc.	March 1999		
		WO	0028882	A2	MicroDexterity Systems, Inc.	May 2000		
		WO	0030557	A1	MicroDexterity Systems, Inc.	June 2000		
		WO	02060653	A2	The Acrobot Company Limited	August 2002		
OTHER - NON PATENT LITERATURE DOCUMENTS								
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.					Translation	
							Yes	No**
/PP/		International Search Report (06/2002)						
/PP/		SHAI-SYG Motion & Innovations Ltd.; Robolite; copy of internet home page. Applicants first became aware of this material in June 1998.						
/PP/		MicroE Inc.; copies of internet brochure pages of Rotary Micro Encoder and Linear Micro Encoder. Applicants first became aware of this material in August 1998.						
/PP/		Computer Optical Products, Inc.; copies of internet home page and application notes relating to Hathaway Motion Control. Applicants first became aware of this material in Aug. 1998.						
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